



Repetitive pipette, Multipette® M4
Eppendorf



Manual dispenser, designed for maximum ease of use, precision and flexibility in terms of volume selection and replacement of the associated Combitip® Advanced tips. Combitip® Advanced tips work on the direct displacement principle, ensuring that the correct volume is dispensed every time, regardless of the density of the liquid or its flow properties. This principle also ensures safer conditions when working with radioactive, aggressive, toxic substances or liquids with higher vapour pressures.

- Simple volume adjustment from 1 µl to 10 ml
- Volume display with automatic recognition of the Combitip® Advanced tip
- Up to 100 dispensing cycles with one filling, integrated step counter
- Capable of dispensing 112 different volumes
- The Combitip® can be detached by applying slight pressure, avoiding any contact with and contamination of the tip

Tip	Volume (µl)	Accuracy (%)	Imprecision (%)
Combitip® Advanced 0,1 ml	1 - 20	±1,6 - ±1,0	≤3,0 - ≤2,0
Combitip® Advanced 0,2 ml	2 - 40	±1,3 - ±0,8	≤2,0 - ≤1,5
Combitip® Advanced 0,5 ml	5 - 100	±0,9 - ±0,8	≤1,5 - ≤0,6
Combitip® Advanced 1 ml	10 - 200	±0,9 - ±0,6	≤0,9 - ≤0,4
Combitip® Advanced 2,5 ml	25 - 500	±0,8 - ±0,5	≤0,8 - ≤0,3
Combitip® Advanced 5 ml	50 - 1000	±0,6 - ±0,5	≤0,6 - ≤0,25
Combitip® Advanced 10 ml	100 - 2000	±0,5 - ±0,5	≤0,6 - ≤0,25
Combitip® Advanced 25 ml	250 - 5000	±0,4 - ±0,3	≤0,6 - ≤0,25
Combitip® Advanced 50 ml	500 - 10 000	±0,3 - ±0,3	≤0,5 - ≤0,3

Description	Pk	Cat. No.
Multipette® M4, incl. holder (for wall attachment or carousel stand)	1	613-2890
Multipette® M4 starter kit, incl. Combitip® rack, Combitip advanced® mixed pack	1	613-2927
Description	Pk	Cat. No.
Accessories		
Pipette holder, for wall attachment or carousel stand	1	613-2928



Electronic dispensers, Multipette® stream / Multipette® Xstream
Eppendorf



Electronic, ergonomic dispensers, combining ease of use with a wide range of functions. The Multipette® stream is suitable for all standard applications, while the Multipette® Xstream is the ideal choice for tip applications such as titrations or aspirating supernatant liquors. They can be used with Combitip® Advanced tips to provide high-quality laboratory tools for any type of application. They work on the positive displacement principal, are ideal for solutions with high viscosity or elevated vapour pressure, and provide the capability of being recharged during operation.

- Dispensing volume adjustable from 1 µl to 50 ml
- Automatic detection of the Combitip® Advanced tip being used
- Automatic, fast dispensing with a motorised piston
- Tip ejection with the simple press of a button
- Additional features of the Multipette® Xstream: Aspiration of supernatant liquors, titration, and sequential dispensing

Ordering information: Multipette® stream and Multipette® Xstream are supplied with a charging adapter.

Tip	Volume (µl)	Accuracy (%)	Imprecision (%)
Combitip® Advanced 0,1 ml	1 - 100	±1,6 - ±1,0	<2,5 - <0,5
Combitip® Advanced 0,2 ml	2 - 200	±1,3 - ±1,0	<1,5 - <0,5
Combitip® Advanced 0,5 ml	5 - 500	±0,9 - ±0,9	<0,8 - <0,3
Combitip® Advanced 1 ml	10 - 1000	±0,9 - ±0,6	<0,5 - <0,2
Combitip® Advanced 2,5 ml	25 - 2500	±0,8 - ±0,5	<0,4 - <0,15
Combitip® Advanced 5 ml	50 - 5000	±0,8 - ±0,5	<0,3 - <0,15
Combitip® Advanced 10 ml	100 - 10000	±0,5 - ±0,4	<0,25 - <0,15
Combitip® Advanced 25 ml	250 - 25000	±0,3 - ±0,3	<0,25 - <0,15
Combitip® Advanced 50 ml	500 - 50000	±0,3 - ±0,3	<0,25 - <0,15

Description	Pk	Cat. No.
Multipette® stream incl. charging adapter	1	613-0617
Multipette® Xstream incl. charging adapter	1	613-0618